EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1556	7/151-156.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L2	11	("3025994" "1783070" "1621798").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L3	2	("1783070" | "3025994").URPN.	USPAT	OR	OFF	2006/06/12 14:39
L4	3476	(can adj (opener opening)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L5	653	L4 and slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L6	22	("3656375" | "3724297" | "4120216" | "4167056" | "4207781" | "4287794" | "4309921" | "4362071" | "4391167" | "4583429" | "D240188" | "D267925").PN. OR ("5018409").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L7	24	("3290967" | "3724297" | "3954030" | "4167056" | "4207781" | "4241626" | "4287794" | "4362071" | "4583429" | "4723465" | "5018409" | "5095777" | "5222265" | "5309794" | "5555778" | "5833285" | "5913953" | "6070497" | "6311580" | "6354174" | "D240188").PN. OR ("6945137").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L8	16	("1368038" | "1461151" | "2624489" | "4391167" | "4416171" | "4520695" | "474829" | "5095777" | "5205194" | "5277083" | "D303613" | "D304414").PN. OR ("5913953").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L9	6	("1461151").URPN.	USPAT	OR	OFF	2006/06/12 14:39

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	417	L4 and (loop hoop ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L11	599	L4 and (loop hoop ring tab)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L12	16	("1368038" | "1461151" | "4133228" | "4241626" | "4253352" | "4257287" | "4309921" | "4416171" | "4563919").PN. OR ("5095777").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L13	141	L4 and (inch$2 millimeter$2 centimeter$2 "mm" "cm")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L14	2	"4583429".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L15	84	("0762258" | "1368038" | "1461151" | "2187394" | "2609962" | "2624489" | "2802211" | "3724297" | "4133228" | "4241626" | "4253352" | "4257287" | "4309921" | "4373223" | "4391167" | "4416171" | "4520695" | "4563919" | "474829" | "5095777" | "5205194" | "5277083" | "D185566" | "D269587" | "D303613" | "D304414").PN. OR ("1461151" | "1621798" | "1783070" | "1862972" | "2624489" | "3025994" | "3460411" | "4133228" | "5095777" | "5913953" | "D274688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L16	547	81/3.55.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39

Ref #	Hits	Search Query	Databases	Default Operator	Plurals	Time Stamp
S9	19	("3656375" | "3724297" | "4120216" | "4167056" | "4207781" | "4287794" | "4309921" | "4362071" | "4391167" | "4583429" | "D240188" | "D267925").PN. OR ("5018409").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 12:57
S10	23	("3290967" | "3724297" | "3954030" | "4167056" | "4207781" | "4241626" | "4287794" | "4362071" | "4583429" | "4723465" | "5018409" | "5095777" | "5222265" | "5309794" | "5555778" | "5833285" | "5913953" | "6070497" | "6311580" | "6354174" | "D240188").PN. OR ("6945137").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 12:58
S11	16	("1368038" | "1461151" | "2624489" | "4391167" | "4416171" | "4520695" | "4745829" | "5095777" | "5205194" | "5277083" | "D303613" | "D304414").PN. OR ("5913953").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 12:59
S12	6	("1461151").URPN.	USPAT	OR	OFF	2006/01/04 13:00
S13	414	S7 and (loop hoop ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:11
S14	594	S7 and (loop hoop ring tab)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:12
S15	16	("1368038" | "1461151" | "4133228" | "4241626" | "4253352" | "4257287" | "4309921" | "4416171" | "4563919").PN. OR ("5095777").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 13:26
S16	141	S7 and (inch$2 millimeter$2 centimeter$2 "mm" "cm")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:32

Ref #	Hits	Search Query	Databases	Default Operator	Plurals	Time Stamp
L17	1152	L1 not ((81/3.08,3.15,3.4,3.47,3.48,3.49.ccls.) or (L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:40
L18	148	17 and (slot slots groove)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:41
L19	156	17 and (slot slots slot$5 groove)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:41
L20	1	("2919049").URPN.	USPAT	OR	OFF	2006/06/12 14:46
S1	7550	(can near2 (opener opening open$3)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 14:49
S2	4862	(can near2 (opener opening)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 14:50
S3	2688	S1 not S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 14:49
S4	3437	(can adj (opener opening)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 15:37
S5	10	("3025994" "1783070" "1621798").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 12:42
S6	2	("1783070" | "3025994").URPN.	USPAT	OR	OFF	2006/01/04 12:47
S7	3451	(can adj (opener opening)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:31
S8	652	S7 and slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:11

EAST Search History

Ref#	Hits	Search Query	Databases	Default Operator	Plurals	Time Stamp
S26	3476	(can adj (opener opening)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S27	653	S26 and slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S28	22	("3656375" | "372429" | "4120216" | "4167056" | "4207781" | "4287794" | "4309921" | "4362071" | "439167" | "4583429" | "D240188" | "D267925").PN. OR ("5018409").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S29	24	("3290967" | "372429" | "3954030" | "4167056" | "4207781" | "4241626" | "4287794" | "4362071" | "4583429" | "472465" | "5018409" | "5095777" | "5222265" | "5309794" | "5555778" | "5833285" | "5913953" | "6070497" | "6311580" | "6354174" | "D240188").PN. OR ("6945137").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S30	16	("1368038" | "1461151" | "2624489" | "4391167" | "4416171" | "4520695" | "4745829" | "5095777" | "5205194" | "527708" | "D303613" | "D304414").PN. OR ("5913953").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S31	6	("1461151").URPN.	USPAT	OR	OFF	2006/06/12 11:00
S32	417	S26 and (loop hoop ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S33	599	S26 and (loop hoop ring tab)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00

EAST Search History

Ref#	Hits	Search Query	Databases	Default Operator	Plurals	Time Stamp
S17	2	"4583429".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:43
S18	83	("0762258" | "1368038" | "1461151" | "2187394" | "2609962" | "2624489" | "2802211" | "372429" | "4133228" | "4241626" | "4253352" | "4257287" | "4309921" | "4373223" | "4391167" | "4416171" | "4520695" | "4563919" | "4745829" | "5095777" | "5205194" | "527708" | "D185566" | "D269587" | "D303613" | "D304414").PN. OR ("1461151" | "1621798" | "1783070" | "186297" | "2624489" | "3025994" | "346041" | "4133228" | "5095777" | "5913953" | "D274688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 14:07
S19	539	81/3.55.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S20	1358	81/3.08,3.15,3.4,3.47,3.48,3.49.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 14:27
S21	1282	(81/3.08,3.15,3.4,3.47,3.48,3.49.ccls.) not (S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 S19)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S22	1134	S21 not ((jar or cork).ti.)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 14:29
S23	1556	7/151-156.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S24	11	("3025994" "1783070" "1621798").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S25	2	("1783070" | "3025994").URPN.	USPAT	OR	OFF	2006/06/12 11:00

EAST Search History

S46	21	("2902310" | "3269586" | "3656375" | "372429?" | "4034595" | "4120216" | "4133228" | "420781" | "4241626" | "4253352" | "4563919").PN. OR ("D267391").PN. OR ("4583429"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 12:32
S47	149	("0762258" | "0810538" | "1368038" | "1461151" | "1697974" | "2187394" | "2609962" | "2624489" | "2802211" | "2902310" | "3269586" | "3656375" | "3713200" | "3724297" | "3736643" | "4034595" | "4120216" | "4133228" | "420781" | "4241626" | "4253352" | "4257287" | "4309921" | "4373223" | "4391167" | "4414865" | "441617" | "4463631" | "4507988" | "4520695" | "4563919" | "474829" | "5095777" | "5205194" | "5277083" | "D163422" | "D185566" | "D267391" | "D269587" | "D277635" | "D277725" | "D278024" | "D303613" | "D304414").PN. OR ("1376562" | "1461151" | "1621798" | "1783070" | "1862972" | "2624489" | "3025994" | "3460411" | "3806970" | "4133228" | "420781" | "441617" | "4583429" | "460407" | "4723465" | "5095777" | "5913953" | "D050949" | "D274688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 12:36
S48	56	S47 and flat$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 13:34
S49	1	("2609962").URPN.	USPAT	OR	OFF	2006/06/12 13:05
S50	5	"3151764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 13:30
S51	9	("2624489").URPN.	USPAT	OR	OFF	2006/06/12 13:33

EAST Search History

S34	16	("1368038" | "1461151" | "4133228" | "4241626" | "4253352" | "4257287" | "4309921" | "441617" | "4563919").PN. OR ("5095777"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S35	141	S26 and (inch$2 millimeter$2 centimeter$2 "mm" "cm")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S36	2	"4583429".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S37	84	("0762258" | "1368038" | "1461151" | "2187394" | "2609962" | "2624489" | "2802211" | "2724297" | "4133228" | "4241626" | "4253352" | "4257287" | "4309921" | "4373223" | "4391167" | "441617" | "4520695" | "4563919" | "474829" | "5095777" | "5205194" | "5277083" | "D185566" | "D269587" | "D303613" | "D304414").PN. OR ("1461151" | "1621798" | "1783070" | "1862972" | "2624489" | "3025994" | "3460411" | "4133228" | "5095777" | "5913953" | "D274688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S38	547	81/3.55.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S40	0	("1783070").URPN.	USPAT	OR	OFF	2006/06/12 11:34
S41	6	("1461151").URPN.	USPAT	OR	OFF	2006/06/12 11:46
S42	0	10/820206.app.	USPAT	OR	OFF	2006/06/12 11:47
S43	6	("1461151").URPN.	USPAT	OR	OFF	2006/06/12 11:51
S44	9	("2624489").URPN.	USPAT	OR	OFF	2006/06/12 12:31
S45	1	"4583429".pn.	USPAT	OR	OFF	2006/06/12 12:31

EAST Search History

SS2	149	("0762258" | "0810538" | "1368038" | "1461151" | "1697974" | "2187394" | "2609962" | "2624489" | "2802211" | "2902310" | "3269586" | "3656375" | "3713200" | "3724297" | "3736643" | "4034595" | "4120216" | "4133228" | "4207781" | "4241626" | "4253352" | "4257287" | "4309921" | "4373223" | "4391167" | "4414865" | "4416171" | "4463631" | "4507988" | "4520695" | "4563919" | "4745829" | "5095777" | "5205194" | "5277083" | "D163422" | "D185566" | "D267391" | "D269587" | "D277635" | "D277725" | "D278024" | "D303613" | "D304414").PN. OR ("1376562" | "1461151" | "1621798" | "1783070" | "1862972" | "2624489" | "3025994" | "3460411" | "3806970" | "4133228" | "4207781" | "4416171" | "4583429" | "4607407" | "4723465" | "5095777" | "5913953" | "D050949" | "D274688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 13:34
SS3	56	SS2 and flat$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 13:34
SS4	93	SS2 not SS3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 13:34